

ABSTRACTS

[Abstract]

A liquid crystal display device with a repair function that is capable of repairing a short circuit or an open circuit. In the device, a gate line is formed on an insulating substrate and a gate electrode is integral to the gate line. A semiconductor layer is formed on the gate electrode with having an insulating film therebetween. A data line is crossed with the gate electrode, a source electrode is integral to the data line on the semiconductor layer and the gate electrode, and a drain electrode is spaced oppositely the source electrode. A protective film has a first contact hole at the drain electrode. A pixel electrode is formed on the protective film and is connected, via the contact hole, to the drain electrode. The pixel electrode has an area overlapped partially with the data line and is spaced by a desired length(α) from the gate line at at least one corner thereof. A storage electrode extends from the pixel electrode to be overlapped partially with the gate line and is spaced by a desired width(δ) from the data line at at least one corner thereof. According to the device, a process yield can be improved.

[Representative drawing]

Fig. 6